SERFF Tracking #: HERT-129160421 State Tracking #:

Company Tracking #: RGCSTD(08-2009)RATES

State: District of Columbia Filing Company: United Heritage Life Insurance Company

TOI/Sub-TOI: H11G Group Health - Disability Income/H11G.002 Short Term

Product Name: RCGSTD(08-2009)RATES

Project Name/Number: /

### Filing at a Glance

Company: United Heritage Life Insurance Company

Product Name: RCGSTD(08-2009)RATES

State: District of Columbia

TOI: H11G Group Health - Disability Income

Sub-TOI: H11G.002 Short Term

Filing Type: Rate

Date Submitted: 08/22/2013

SERFF Tr Num: HERT-129160421

SERFF Status: Assigned

State Tr Num:

State Status:

Co Tr Num: RGCSTD(08-2009)RATES

Implementation

Date Requested:

Author(s): Deanne Schildan

Reviewer(s): Darniece Shirley (primary), Alula Selassie, Donghan Xu

Disposition Date:
Disposition Status:
Implementation Date:

State Filing Description:

SERFF Tracking #: HERT-129160421 State Tracking #:

Company Tracking #: RGCSTD(08-2009)RATES

State: District of Columbia Filing Company: United Heritage Life Insurance Company

TOI/Sub-TOI: H11G Group Health - Disability Income/H11G.002 Short Term

Product Name: RCGSTD(08-2009)RATES

Project Name/Number: /

### **General Information**

Project Name: Status of Filing in Domicile:
Project Number: Date Approved in Domicile:
Requested Filing Mode: Domicile Status Comments:

Explanation for Combination/Other: Market Type: Group

Submission Type: Group Market Size: Small and Large

Group Market Type: Employer Overall Rate Impact:

Filing Status Changed: 08/22/2013

State Status Changed: Deemer Date:

Created By: Deanne Schildan Submitted By: Deanne Schildan

Corresponding Filing Tracking Number:

Filing Description: August 21, 2013

United Heritage Life Insurance Company NAIC 63983

District of Columbia Rates and Forms Filing

Ladies and Gentlemen:

United Heritage is submitting this initial rate filing as required concurrently with Form Filing SERFF # HERT-129028697 for our Group Short Term Disability Certificate, RGCSTD(08-2009)DC.

There are currently no DC Policyholders. Once the initial Form Filing and Rate Filing are approved, the product will be marketed to small and large Employer-Employee groups by licensed agents appointed by United Heritage Life Insurance Company.

The Actuarial Memorandum and Rating Manual are attached to the Rate/Rule Schedule Tab.

Thank you for your time and consideration,

Deanne Schildan Group Administrator/Forms Analyst

### **Company and Contact**

#### **Filing Contact Information**

Deanne Schildan, Group Forms Analyst dschildan@unitedheritage.com

PO Box 7777 208-475-0970 [Phone] Meridian, ID 83680 208-475-1070 [FAX] SERFF Tracking #: HERT-129160421 State Tracking #: Company Tracking #: RGCSTD(08-2009)RATES

State: District of Columbia Filing Company: United Heritage Life Insurance Company

TOI/Sub-TOI: H11G Group Health - Disability Income/H11G.002 Short Term

Product Name: RCGSTD(08-2009)RATES

Project Name/Number: /

**Filing Company Information** 

United Heritage Life Insurance CoCode: 63983 State of Domicile: Idaho

Company Group Code: 2878 Company Type:
PO BOX 7777 Group Name: State ID Number:

Meridian, ID 83680-7777 FEIN Number: 82-0123320

(208) 475-0981 ext. [Phone]

# **Filing Fees**

Fee Required? No Retaliatory? No

Fee Explanation:

SERFF Tracking #: HERT-129160421 State Tracking #: Company Tracking #: RGCSTD(08-2009)RATES

State: District of Columbia Filing Company: United Heritage Life Insurance Company

TOI/Sub-TOI: H11G Group Health - Disability Income/H11G.002 Short Term

**Product Name:** RCGSTD(08-2009)RATES

Project Name/Number: /

### Rate/Rule Schedule

Item No.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1		Rating Materials	RGCSTD(08-2009)DC	New		United Heritage - STD Actuarial Memorandum.pdf, United Heritage - STD Filing Manual.pdf,

# **United Heritage Life Insurance Company**

### Actuarial Memorandum Short Term Disability Policy Form: RGP(08-2009)

### Scope and Purpose of Filing

The following information is being provided for a new filing. Acting in the capacity of reinsurer, the Hartford Life and Accident Insurance Company has assisted United Heritage Life Insurance Company in the development of a group fully insured short term disability insurance product. This Actuarial Memorandum represents the certification of the premium rates for the proposed plan.

#### **Benefit Overview**

Weekly benefits are paid based on a flat rate or as a percentage (e.g.60%) of weekly salary. Plans may contain maximum and minimum benefit amounts. Benefit payments require satisfaction of an elimination period for both accident and sickness and benefit periods range from 8 to 104 weeks. Both the elimination period and benefit duration are selected by the employer. Benefit options include first day of hospitalization, residual benefits, 24 hour coverage, and different limitations for pre-existing conditions.

The following plan design is considered standard:

- Maximum Benefit Duration 26 weeks
- Elimination Period 7 days for both accident and sickness

Example of available options:

- Benefit Duration 8, 13, 20, 39, 52, 78, 104 weeks
- Elimination Period 1, 13, 14, 30, 60 days
- First Day Hospitalization
- Residual Benefits

Maternity is covered the same as any other illness.

For a more complete description of benefits provided under this policy form, please refer to the contract.

#### **Marketing Method**

This product will be sold to employer groups through a regional group sales force.

#### **Net Premiums**

The STD rates have been created based on the expected incidence and duration of disability and the expected level of all applicable offsets. The rates were derived using various data sources, including the following: Hartford Life and Accident's experience, economic data, national statistics and competitor information. The incidence rates and duration levels take into account differences in age, sex, benefit percentage, and maximum weekly benefit.

Loads and discount factors are applied to the net premium to adjust for all aspects of the chosen plan design that cause our net liability to change. These factors vary by the day that benefits commence, benefit duration, residual benefit option, industry, collar color, occupational/non-occupational coverage, area, contributory status, benefit richness, pre-existing condition limitations, employer occupational coverage, retention, size of group, additional state requirements, trend, rate guarantee periods, par case status, and collateral line discounts.

#### **Gross Premiums**

Gross Premiums are calculated by dividing the net premiums by the permissible loss ratio. The anticipated loss ratio of 65% for groups with over 50 lives is developed as follows:

Commissions	12.50%
Premium Tax	2.5%
Profit	5.0%
Other Retention	15.00%
Total Retention	35.00%

Permissible Loss Ratio 65.0%

In addition, the anticipated permissible loss ratio for groups with under 50 lives is 60%.

Premium rates for plans and benefits not specifically shown in this memo or accompanying rate manual shall be determined by methods which are consistent with the premium rates shown in the rate manual.

#### Experience

Some groups will have insured experience that is at least partially credible. The rates for these groups may be adjusted when appropriate to reflect actual experience and in-force rates.

#### **Actuarial Certification**

I certify that, to the best of my knowledge and judgment, the entire rate filing is in compliance with the applicable laws of this State and with the rules of the Department of Insurance, and complies with Actuarial Standards of Practice No. 8, "Regulatory Filings for Rates and Financial Projections for Health Plans," as adopted by the Actuarial Standards Board, December 2005, and that the benefits provided are reasonable in relation to the proposed premiums. I believe that the benefits are reasonable in relation to the proposed premium and that the rates are not excessive, inadequate, or unfairly discriminatory.

Michelle Z Zungman				
	00/20/2010			
Michelle Kunzman, FSA, MAAA	Date			
AVP and Actuary				
Hartford Life and Accident Insurance Company				

# UNITED HERITAGE LIFE INSURANCE COMPANY

Policy Form Number: RGP(08-2009)

GROUP SHORT TERM DISABILITY INSURANCE RATING MANUAL

# United Heritage Life Insurance Company

# Fully Insured Group STD Insurance

### **Table of Contents**

Page Description	Page Number
Input Items	3.00
Employee Census Information for Males	3.01
Employee Census Information for Females	3.02
Prime Rates Table	3.03
Plan Design/First Day Hospitalization Adjustments	3.03
Adjusted Prime Rates Calculation	3.04
Unadjusted Annual Premium Calculation	3.04
STD Adjustment Worksheet	3.05
Plan Design Adjustment Table	3.06 - 3.09
First Day Hospitalization Adjustment Table	3.10
Industry Adjustment Table	3.11 - 3.14
Collar Color Adjustment Table	3.15
Benefit Richness Adjustment Table	3.16
Pre-Existing Conditions Adjustment Table	3.17
Retention Adjustment Table	3.17
Size of Group Adjustment Table	3.18
Unanticipated Risk Adjustment Table	3.18
Enriched Plan Rate Calculation Sheet	3.19
FICA Rate Match Table	3.20
Area Adjustment Table	3.21
Participation Adjustment Table	3.22

# **INPUT ITEMS**

 Flat Benefit (Y / N):
 Benefit Percent (BP):
 Weekly Minimum Benefit (Min.B.):
Weekly Maximum or Flat Benefit (Max.B.):
Day Benefits Commence (Accident):
 Day Benefits Commence (Sickness):
 Benefit Duration in Weeks:
First Day Hospitalization Benefit Option (Y / N):
(If First Day Hospital = Y) - With Outpatient Surgery (Y / N):
Benefits Commence Option (Y / N):
 24 Hour Coverage Option (Y / N):
SIC Code (First 4 digits):
 Collar Color Factor:
Situs State of Employer:
Pre-Existing Conditions Option (Y / N):
(If Pre-Ex Conditions Option = Y) Pre-Ex Type (E=Exclusion or L=Limitation):
(If Pre-Ex Conditions Option = Y) Months Treatment Free:
 (If Pre-Ex Conditions Option = Y) Months Insured For:
 Contributory Plan (Y / N):
 Participation (K=known, E=estimated):
Percent Participation:
Rate Guarantee Period (1, 2, or 3 yrs):
Rate Format (C=composite, A=age/sex*):
Rate Basis (A=per ee per month, B=per \$10 weekly benefit,
C=per \$100 covered salary):
Employer Without Occupational Coverage (Y / N):
Additional State Requirements (Y / N):
Par Case (Y / N):
 Family Medical Leave Coverage (Y / N):
Collateral Lines of Life and/or LTD (Y / N):
Offset Salary Continuation / Sick Leave (Y / N):
 Offset Current Weekly Earnings (Y / N):

<sup>\*</sup> Note: Only where allowed by state statutes

# **Rate Calculation**

When salary information by individual is available, apply the following procedure on an individual basis and sum all individual rates together to arrive at the group rate. If only group salary information is available, then apply the following procedure on a group basis.

The rate calculation can be summarized as follows: Steps A, B, and C are used to derive Daily Benefits per Person for males, females (non-maternity), and females (maternity). Steps D, E, and F are used to derive Step G (Plan Design & First Day Hospitalization Adjusted Prime Rates). In Step H, the Number of Employees and Daily Benefit per Person of Steps A, B, and C are combined with the Adjusted Prime Rates of Step G to derive the Unadjusted Annual Premium by age and sex. The Step H total is adjusted by the applicable adjustment factors of Steps I thru X to arrive at the Adjusted Manual Premium of Step Y. Step Y is adjusted by the applicable adjustment factors of Steps Z thru AF to derive Step AG (The Adjusted Annual Premium). Step AH sums the Adjusted Annual Premium for males, females (non-maternity), and females (maternity) to arrive at the Total Adjusted Annual Premium.

#### A. Employee Census Information for MALES

	(a)	(b)	(c)	(d)	(e)
Age	Number	Total Annual	Weekly Salary	Weekly Benefit	Daily Benefit
Band	of Males	Salary	per Person	per Person	per Person
			(b) / ((a) x 52)	If not Flat Ben. then	(d) / 7
				if [(c) x BP]< Min.B.,	
				then Min.B., else	
				if [(c) x BP] < Max.B,	
				then (c) x BP, else	
				Max.B	
<25					
25-29					
30-34					
35-39					
40-44					
45-49					
50-54					
55-59					
60-64					
>64					
TOTAL		-	-		

### B. Employee Census Information for FEMALES, NON-MATERNITY

	(a)	(b)	(c)	(d)	(e)
Age	Number	Total Annual	Weekly Salary	Weekly Benefit	Daily Benefit
Band	of Females	Salary	per Person	per Person	per Person
			(b) / ((a) x 52)	If not Flat Ben. then	(d) / 7
				if $[(c) \times BP] < Min.B.$	
				then Min.B., else	
				if [(c) x BP] < Max.B, then (c) x BP, else	
				Max.B	
<25					
25-29					
30-34					
35-39					
40-44					
45-49					
50-54					
55-59					
60-64					•
>64					
TOTAL					

### C. Employee Census Information for FEMALES, MATERNITY

	(a)	(b)	(c)	(d)	(e)
Age	Number	Total Annual	Weekly Salary	Weekly Benefit	Daily Benefit
Band	of Females	Salary	per Person	per Person	per Person
			(b) / ((a) x 52)	If not Flat Ben. then	(d) / 7
				if $[(c) \times BP] < Min.B.$	
				then Min.B., else	
				if $[(c) \times BP] < Max.B$ ,	
				then (c) x BP, else	
				Max.B	
<25					
25-29					
30-34					
35-39					
40-44					
45-49					
TOTAL					

### D. Prime Rates (annual rates)

Age		Females	Females
Band	Males	Non-Maternity	Maternity
<25	1.989	1.727	6.287
25-29	1.701	1.817	5.856
30-34	2.031	3.025	4.221
35-39	2.125	3.713	1.966
40-44	2.780	4.227	0.345
45-49	3.204	5.009	0.049
50-54	4.262	5.570	0.000
55-59	5.337	6.082	0.000
60-64	6.535	6.465	0.000
>64	7.188	7.112	0.000

### E. Plan Design Adjustment (applicable to all age bands):

(see Table I)

	Females	Females
Males	Non-Maternity	Maternity

### F. First Day Hospitalization Adjustment (applicable to all age bands):

(see Table II)

	Females	Females
Males	Non-Maternity	Maternity

### G. Plan Design & First Day Hospitalization Adjusted Prime Rates

( [ {prime rate by age band} x {plan design adjustment} ] + [first day hospitalization adjustment] )

Age		Females	Females
Band	Males	Non-Maternity	Maternity
	(D x E) + F	(D x E) + F	(D x E) + F
<25			
25-29			
30-34			
35-39			
40-44			
45-49			
50-54			0.000
55-59			0.000
60-64			0.000
>64			0.000

### H. Unadjusted Annual Premium

For all age bands: ( [number of employees] x [average daily benefit] x [PD&FDH adjusted prime rates] )

Age		Females	Females
Band	Males	Non-Maternity	Maternity
	A(a) x A(e) x G	B(a) x B(e) x G	C(a) x C(e) x G
<25			
25-29			
30-34			
35-39			
40-44			
45-49			
50-54			0.000
55-59			0.000
60-64			0.000
>64			0.000
TOTAL			

# STD Adjustment Worksheet

		Females	Females
	Males	Non-Maternity	Maternity
I. Benefits Commence Option Adjustment:			
(if Benefits Commence Option = Y, then 1.040, else 1.000)			
J. Industry Adjustment:			
(see Table III, column A for Male and Female			
Non-Maternity; see Table III, column B for Female Maternity)			
K. Collar Color Adjustment:			
(see Table IV; Note: Female Maternity = 1.000)			1.000
L. 24 Hour Coverage Option Adjustment:			
(if 24 Hour Coverage = Y, then see Table III, column C, else 1.000)			
M. Area Adjustment:			
(see Table XI, column A for Male and Female Non-Maternity; see Table XI, column B for Female Maternity)			
N. Participation Adjustment:			
(See Table XII)			
O. Benefit Richness Adjustment:			
(see Table V)			
P. Family Medical Leave Adjustment:			
(if Family Medical Leave Adjustment = Y, then 1.010, else 1.000)			
Q. Pre-Existing Condition Option Adjustment:			
(if Pre-Existing Condition = Y, then see Table VI, else 1.000)			
R. Employer w/o Occupational Coverage Adjustment:			
(if Employer w/o Occupational Coverage = Y, then 1.050, else 1.000)			
S. Offset for Salary Continuation / Sick Leave Adjustment:			
(if Offset Sal. Con. / Sick Leave = Y, then 1.00, else 1.05)			
T. Current Weekly Earnings Adjustment:			
(if Offset Curr. Wkly. Earns. = Y, then 1.00, else 1.05 for males & females non-mat., 1.00 for females mat.)			
U. Retention Adjustment:			
(see Table VII)			
V. Size of Group Adjustment:			
(see Table VIII)			
W. Additional State Requirements Adjustment:			
(The adjustment varies depending on state requirements, if any.)			
X. Trend Adjustment:			
(if Rate Basis = A AND (if Rate Guarantee Period = 2 years , then 1.025,			
if Rate Guarantee Period = 3 years , then 1.050, else 1.000))			
Y. Adjusted Manual Premium			
H(Total) x I x J x K x L x M x N x O x P x Q x R x S x T x U x V x W x X			
Z. Rate Guarantee Period Adjustment:			
(if Rate Guarantee Period = 3 years, then 1.10,			
if Rate Guarantee Period = 2 years, then 1.050, else 1.000)			
AA. Partial or Residual			
(if Definition of Disability = Partial, then 1.0, if Definition of Disability = Residual, then 1.04,			
if Definition of Disability = Neither Partial nor Residual, then 0.95)			
AB. Par Case Adjustment:			
(if Par Case = Y, then 1.050, else 1.000)			
AC. Multi-Line Discount Adjustment:			
(if Collateral Line(s) = Y, then 0.950, else 1.000)		<u> </u>	
AD. Economic / Experience Factor (EEF):			
(EEF = 1.000)			

AE.	Unanticipated Risk Adjustment:		
	(see Table IX)		
AF.	FICA Rate Match:		
	(see Table X)		
AG.	Adjusted Annual Premium		
	Y x Z x AA x AB x AC x AD x AE x AF		
AH.	Total Adjusted Annual Premium		
	AG(males] + AG[females non-maternity] + AG[females maternity]		

<u>Table I</u>

<u>Plan Design Adjustment Table</u>

	Plan Design:		Male &	
	Commence	Benefit	Female	Female
Accident	Sickness	Duration	Non-Maternity	Maternity
1	1	8	0.766	0.800
1	1	13	1.007	1.051
1	1	20	1.239	1.206
1	1	26	1.426	1.354
1	1	39	1.779	1.539
1	1	52	1.968	1.556
1	1	78	2.166	1.571
1	1	104	2.382	1.587
1	4	8	0.695	0.745
1	4	13	0.914	0.980
1	4	20	1.142	1.115
1	4	26	1.315	1.246
1	4	39	1.667	1.369
1	4	52	1.849	1.414
1	4	78	2.126	1.428
1	4	104	2.339	1.443
1	8	8	0.639	0.529
1	8	13	0.842	0.733
1	8	20	1.038	0.877
1	8	26	1.188	1.050
1	8	39	1.508	1.229
1	8	52	1.690	1.239
1	8	78	1.941	1.251
1	8	104	2.133	1.264
1	15	8	0.545	0.462
1	15	13	0.750	0.635
1	15	20	0.923	0.820
1	15	26	1.071	0.964
1	15	39	1.398	1.066
1	15	52	1.558	1.161
1	15	78	1.790	1.173
1	15	104	1.968	1.184
1	30	8	0.426	0.424
1	30	13	0.586	0.582
1	30	20	0.730	0.718
1	30	26	0.849	0.857
1	30	39	1.109	0.949
1	30	52	1.233	1.032
1	30	78	1.417	1.042
1	30	104	1.563	1.052
1	60	8	0.284	0.130
1	60	13	0.394	0.136
1	60	20	0.498	0.166
1	60	26	0.581	0.198
1	60	39	0.759	0.263
1	60	52	0.844	0.283
1	60	78	0.970	0.417
1	60	104	1.066	0.421

# Table I (Cont.)

# Plan Design Adjustment Table

ı .	Plan Design:		Male &	
		Donofit		Comolo.
	Commence	Benefit	Female	Female
Accident	Sickness	Duration	Non-Maternity	Maternity
4	4	8	0.679	0.742
4		13	0.915	1.000
4	4	20	1.121	1.113
4	4	26	1.291	1.245
4	4	39	1.645	1.360
		52	1.818	1.431
4	4	78	2.091	1.445
4	4	104	2.300	1.460
4	8	8	0.655	0.529
4	8	13	0.877	0.733
4	8	20	1.057	0.877
4	8	26	1.207	1.050
4	8	39	1.474	1.229
4	8	52	1.695	1.239
4	8	78	1.945	1.251
4	8	104	2.137	1.264
4	15	8	0.570	0.462
4	15	13	0.764	0.635
4	15	20	0.931	0.820
4	15	26	1.061	0.964
4	15	39	1.308	1.066
4	15	52	1.484	1.161
4	15	78	1.706	1.173
4	15	104	1.877	1.184
4	30	8	0.444	0.424
4	30	13	0.595	0.582
4	30	20	0.732	0.718
4	30	26	0.836	0.857
4	30	39	1.030	0.949
4	30	52	1.168	1.032
4	30	78	1.343	1.042
4	30	104	1.479	1.052
4	60	8	0.269	0.130
-	60	13	0.377	0.136
4	60	20	0.477	0.166
4	60	26	0.560	0.198
4	60	39	0.731	0.263 0.283
	60	52	0.813	
4	60	78 104	0.934	0.417
	60	104	1.027	0.421
8	8	8	0.472	0.529
8	8	13	0.642	0.733
8	8	20	0.863	0.877
8	8	26	1.050	1.050
8	8	39	1.346	1.229
8	8	52	1.515	1.239
8	8	78	1.743	1.251
8	8	104	1.917	1.264

# Table I (Cont.)

# Plan Design Adjustment Table

l i	Plan Design:		Male &	
	Commence	Benefit	Female	Female
Accident	Sickness	Duration	Non-Maternity	Maternity
8	15	8	0.425	0.462
8	15	13	0.583	0.635
8	15	20	0.789	0.820
8	15	26	0.974	0.964
8	15	39	1.215	1.066
8	15	52	1.434	1.161
8	15	78	1.649	1.173
8	15	104	1.814	1.184
8	30	8	0.326	0.424
8	30	13	0.447	0.582
8	30	20	0.615	0.718
8	30	26	0.762	0.857
8	30	39	0.952	0.949
8	30	52	1.122	1.032
8	30	78	1.292	1.042
8	30	104	1.422	1.052
8	60	8	0.256	0.130
8	60	13	0.361	0.136
8	60	20	0.460	0.166
8	60	26	0.540	0.198
8	60	39	0.705	0.150
8	60	52	0.784	0.283
8	60	78	0.901	0.417
8	60	104	0.991	0.417
15	15	8	0.454	0.462
15	15	13	0.629	0.635
15	15	20	0.797	0.820
15	15	26	0.797	0.964
15	15	39	1.223	1.066
15	15	52	1.360	1.161
15	15	78	1.565	1.173
15	15	104	1.722	1.184
15	30	8	0.423	0.424
15	30	13	0.583	0.424
15	30	20	0.736	0.362
15	30	26	0.864	0.857
15	30	39	1.105	0.837
15	30	52	1.230	1.032
15	30	78	1.414	1.032
15	30	104	1.554	1.042
15	60	8	0.242	0.130
15	60	13	0.242	0.136
15	60	20	0.343	0.166
15	60	26	0.440	0.100
15	60	39	0.674	0.196
15	60	52	0.674	0.283
15	60	78	0.750	0.283
15	60	104	0.948	0.421

# Table I (Cont.)

# Plan Design Adjustment Table

ı	Plan Design:	Male &		
	Commence	Benefit	Female	Female
Accident	Sickness	Duration	Non-Maternity	Maternity
30	30	8	0.302	0.424
30	30	13	0.405	0.582
30	30	20	0.474	0.718
30	30	26	0.536	0.857
30	30	39	0.662	0.949
30	30	52	0.742	1.032
30	30	78	0.862	1.042
30	30	104	0.950	1.052
30	60	8	0.217	0.130
30	60	13	0.312	0.136
30	60	20	0.403	0.166
30	60	26	0.474	0.198
30	60	39	0.620	0.263
30	60	52	0.688	0.283
30	60	78	0.791	0.417
30	60	104	0.870	0.421
60	60	8	0.241	0.130
60	60	13	0.334	0.180
60	60	20	0.414	0.223
60	60	26	0.477	0.257
60	60	39	0.622	0.336
60	60	52	0.692	0.373
60	60	78	0.776	0.419
60	60	104	0.839	0.452

### Table II

### First Day Hospitalization Adjustment

(NOTE: If First Day Hospitalization Benefit Option is not chosen, the adjustment is equal to 0.)

From the tables below, select the appropriate rate based on the days on which the benefits would normally commence under the base plan. To determine the rate for males and females (non-maternity), add the accident and sickness together.

The rate for females (maternity) is the sickness portion only.

# First Day Hospitalization <u>without</u> Outpatient Surgery Adjustment (Annual rates)

Base Plan					
Day Benefits Commence	Accident	Sickness			
1	0.000	0.000			
4	0.042	0.122			
8	0.076	0.227			
15	0.118	0.361			
31	0.193	0.576			
61	0.273	0.907			

# First Day Hospitalization <u>with</u> Outpatient Surgery Adjustment (Annual rates)

D	Diam	
Base	Plan	
Day Benefits Commence	Accident	Sickness
1	0.000	0.000
4	0.084	0.244
8	0.151	0.454
15	0.235	0.722
31	0.386	1.151
61	0.546	1.814

For example, for the first day hospitalization with outpatient surgery, if accident and sickness benefits would normally commence on days 15 and 31, respectively, under the base plan, then add 0.235 and 1.151 together to equal 1.386 for the males' & females' (non-maternity) first day hospitalization with outpatient surgery adjustment. For females (maternity), the adjustment would be only the sickness portion, 1.151.

<u>Table III</u> <u>Industry Adjustment Table</u>

			(A) Non-	(B)	(C)
1987 S	IC Code		Matern.		
Rai	nges	Descriptions	Male/		24 Hour
			Female	Factors	Loads
	ULTURE				
111	291	Agricultural - Crops and Livestock	1.30	1.00	1.35
711	724	Agricultural - Crop Services	1.05	1.00	1.30
741	742	Veterinary Services	0.99	1.00	1.30
751	752	Miscellaneous Animal Services	1.19	1.00	1.30
761	783	Farm Labor and Management Services and Landscaping	1.05	1.00	1.30
811	851	Forestry	1.19	1.00	1.35
912	971	Fishing, Hunting & Trapping	1.24	1.00	1.35
MINING	-	Mining	4.00	1.00	4.05
1011	1241	Mining Oil & Gas Extraction	1.22	1.00	1.35
1411	1389 1499		0.94 1.17	1.00	1.35
	TRUCTIO	Mining (cont.)	1.17	1.00	1.35
1521	1542	Building Contractors	0.83	1.00	1.40
1611	1629	Heavy Construction	1.04	1.00	1.45
1711	1794	Special Trade Contractors	1.04	1.00	1.45
1795	1795	Wrecking	1.11	1.00	1.45
1796	1799	Special Trade Contractors (cont.)	0.96	1.00	1.45
	FACTUR	1 ,	0.30	1.00	1.40
2011	2099	Food and Kindred Products	0.84	1.00	1.30
2111	2141	Tobacco Products	1.11	1.00	1.30
2211	2299	Textile Mill Products	0.97	1.00	1.30
2311	2399	Apparel	0.97	1.00	1.30
2411	2421	Logging and Saw Mills	1.08	1.00	1.30
2426	2429	Other Mills	0.90	1.00	1.30
2431	2499	Miscellaneous Wood Products	0.86	1.00	1.30
2511	2599	Furniture & Fixtures	0.85	1.00	1.30
2611	2679	Miscellaneous Paper Products	1.19	1.00	1.30
2711	2796	Printing, Publishing and Allied Industries	0.93	1.00	1.20
2812	2824	Chemicals and Allied Products	1.26	1.00	1.30
2833	2836	Drugs	0.89	1.00	1.30
2841	2869	Chemicals and Allied Products (cont.)	1.26	1.00	1.30
2873	2891	Agricultural Chemicals	1.44	1.00	1.30
2892	2892	Explosives	1.44	1.00	1.30
2893	2899	Chemicals and Allied Products (cont.)	1.26	1.00	1.30
2911	2999	Petroleum Refining & Related Industries	1.11	1.00	1.30
3011	3089	Rubber/Plastics	1.16	1.00	1.30
3111	3111	Leather Tanning and Finishing	1.23	1.00	1.30
3131	3199	Miscellaneous Leather Products	1.13	1.00	1.30
3211	3291	Stone, Clay & Glass	1.13	1.00	1.30
3292	3292	Asbestos	1.28	1.00	1.30
3295	3299	Stone, Clay & Glass (cont.)	1.13	1.00	1.30

# Table III (Cont.)

# **Industry Adjustment Table**

Page   Page						
Ranges         Descriptions         Male/ Feature Feature Feature Feature Feature Loads         24 Hour Female Feature Loads           3312         3399         Steel Works, Foundries & Smelting         1.44         1.00         1.30           3411         3499         General Fabricated Metal Products         1.26         1.00         1.30           3511         3519         Engines and Turbines         0.99         1.00         1.30           3612         3699         Electrical & Electronic Machinery & Computer Equip.         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3761         3769         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3811         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           7RAMSPORTATION & COMMUNICATION         4011         4013         Ralifoads         1.14         1.00         1.45           4111         4121				Non-	(B)	(C)
3312         3399         Steel Works, Foundries & Smelting         1.44         1.00         1.30           3311         3499         General Fabricated Metal Products         1.26         1.00         1.30           3511         3519         Engines and Turbines         0.99         1.00         1.30           3523         3599         Industrial & Commercial Machinery & Computer Equip.         1.09         1.00         1.30           3612         3699         Electrical & Electronic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3781         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3811         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation						
3312         3399         Steel Works, Foundries & Smelting         1.44         1.00         1.30           3411         3499         General Fabricated Metal Products         1.26         1.00         1.30           3511         3519         Engines and Turbines         0.99         1.00         1.30           3523         3599         Industrial & Commercial Machinery & Computer Equip.         1.09         1.00         1.30           3612         3699         Electrical & Electronic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3781         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         399         Misc. Manufacturing Industries         0.98         1.00         1.30           7RANSPORTATION & COMMUNICATION         4011         4013         Raliroads         1.14         1.00         1.45           4111         4121         Loc	Ran	ges	Descriptions			
3411         3499         General Fabricated Metal Products         1.26         1.00         1.30           3511         3519         Engines and Turbines         0.99         1.00         1.30           3523         3599         Industrial & Commercial Machinery & Computer Equip.         1.09         1.00         1.30           3612         3699         Electrical & Electronic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3739         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportat						
3511         3519         Engines and Turbines         0.99         1.00         1.30           3523         3599         Industrial & Commercial Machinery & Computer Equip.         1.09         1.00         1.30           3612         3699         Electrical & Electricolic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3781         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4111         4121         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45						
3523         3599         Industrial & Commercial Machinery & Computer Equip.         1.09         1.00         1.30           3612         3699         Electrical & Electronic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           7RANSPORTATION & COMMUNICATION         4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4151         4171         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4151         4171         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.25 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
3612         3699         Electrical & Electronic Machinery         0.87         1.00         1.30           3711         3751         Transportation Equipment         1.03         1.00         1.30           3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           3911         399         Misc. Manufacturing Industries         0.98         1.00         1.30           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.05           4151         4173         Local and Sub						
3711         3751         Transportation Equipment         1.03         1.00         1.30           3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           7RANSPORTATION & COMMUNICATION         4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4114         4191         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.70			, , , , ,			
3761         3769         Guided Missiles & Space Units         1.23         1.00         1.30           3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation Services         1.01         1.00         1.45 <t< td=""><td></td><td></td><td>,</td><td></td><td></td><td></td></t<>			,			
3792         3799         Transportation Equipment (cont.)         1.03         1.00         1.30           3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation         1.14         1.00         1.70           4412         4499         Water Transportation Services         1.00         1.00         1.25           4724 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
3812         3873         Assorted Equipment         0.93         1.00         1.30           3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4114         4191         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4113         4142         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4114         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.70           4411         4499         Water Transportation         1.14         1.00         1.70           4512         4891         Pipe Lines         1.14         1.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
3911         3999         Misc. Manufacturing Industries         0.98         1.00         1.30           TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation (cont.)         1.37         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation         1.14         1.00         1.70           4512         4581         Transportation by Air         1.14         1.00         1.70           4512         4589         Transportation Services         1.00         1.00         1.25           4724         4731         Arrangement of Transportation Services         1.00         1.00         1.25           4724						
TRANSPORTATION & COMMUNICATION           4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.137         1.00         1.45           4212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation         1.14         1.00         1.70           4512         4581         Transportation by Air         1.14         1.00         1.45           4512         4581         Transportation Services         1.00         1.00         1.45           4724         4731         Arrangement of Transportation Services         1.00         1.00         1.25           4741         4789         Miscellaneous Transportation Services         1.00         1.00         1.25           4812						
4011         4013         Railroads         1.14         1.00         1.45           4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           41212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation         1.14         1.00         1.70           4512         4581         Transportation by Air         1.14         1.00         1.45           4612         4619         Pipe Lines         1.14         1.00         1.45           4724         4731         Arrangement of Transportation Services         1.00         1.00         1.25           4724         4731         Arrangement of Transportation Services         1.00         1.00         1.25           4724         4731         Arrangement of Transportation Services			<u> </u>	0.98	1.00	1.30
4111         4121         Local and Suburban Passenger Transportation         1.37         1.00         1.45           4131         4142         Intercity and Rural Bus Transportation         1.14         1.00         1.45           4151         4173         Local and Suburban Passenger Transportation (cont.)         1.37         1.00         1.45           4212         4231         Trucking/Warehousing         1.19         1.00         1.70           4311         4311         US Postal Service         1.01         1.00         1.70           4412         4499         Water Transportation         1.14         1.00         1.70           4512         4581         Transportation by Air         1.14         1.00         1.45           4612         4619         Pipe Lines         1.14         1.00         1.45           4724         4731         Arrangement of Transportation Services         1.00         1.00         1.25           4741         4789         Miscellaneous Transportation Services         1.00         1.00         1.25           4911         4941         Electric and Gas Services and Water Supply         0.89         1.00         1.25           4952         4959         Sanitary Services						
4131       4142       Intercity and Rural Bus Transportation       1.14       1.00       1.45         4151       4173       Local and Suburban Passenger Transportation (cont.)       1.37       1.00       1.45         4212       4231       Trucking/Warehousing       1.19       1.00       1.70         4311       4311       US Postal Service       1.01       1.00       1.70         4412       4499       Water Transportation       1.14       1.00       1.45         4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4951       4951       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.25         5012       5015       Motor Vehicles, Parts & Suppli						
4151       4173       Local and Suburban Passenger Transportation (cont.)       1.37       1.00       1.45         4212       4231       Trucking/Warehousing       1.19       1.00       1.70         4311       4311       US Postal Service       1.01       1.00       1.70         4412       4499       Water Transportation       1.14       1.00       1.70         4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4951       4959       Sanitary Services and Water Supply       0.89       1.00       1.25         4961       4971       Miscellaneous Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       0.72       1.00       1.25         5012       5015       Motor Vehicles, Parts & Supplie	4111	4121	Local and Suburban Passenger Transportation	1.37	1.00	1.45
4212       4231       Trucking/Warehousing       1.19       1.00       1.70         4311       4311       US Postal Service       1.01       1.00       1.70         4412       4499       Water Transportation       1.14       1.00       1.70         4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.25         5021       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00<	4131	4142	Intercity and Rural Bus Transportation	1.14	1.00	1.45
4311       4311       US Postal Service       1.01       1.00       1.70         4412       4499       Water Transportation       1.14       1.00       1.70         4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4951       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.25         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72 <td>4151</td> <td>4173</td> <td>Local and Suburban Passenger Transportation (cont.)</td> <td>1.37</td> <td>1.00</td> <td>1.45</td>	4151	4173	Local and Suburban Passenger Transportation (cont.)	1.37	1.00	1.45
4412       4499       Water Transportation       1.14       1.00       1.70         4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       0.72       1.00       1.25         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum	4212	4231	Trucking/Warehousing	1.19	1.00	1.70
4512       4581       Transportation by Air       1.14       1.00       1.45         4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5093       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091	4311	4311	US Postal Service	1.01	1.00	1.70
4612       4619       Pipe Lines       1.14       1.00       1.45         4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5094	4412	4499	Water Transportation	1.14	1.00	1.70
4724       4731       Arrangement of Transportation Services       1.00       1.00       1.25         4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25	4512	4581	Transportation by Air	1.14	1.00	1.45
4741       4789       Miscellaneous Transportation Services       1.00       1.00       1.25         4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5153       5159       Farm Product Raw Materials       0.72       1.00       1.25	4612	4619	Pipe Lines	1.14	1.00	1.45
4812       4899       Communications       0.77       1.00       1.25         4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5094       5149       Wholesale Trade (cont.)       0.96       1.00       1.25         5153       5159       Farm Product Raw Materials       0.72       1.00       1.25         5162 <td>4724</td> <td>4731</td> <td>Arrangement of Transportation Services</td> <td>1.00</td> <td>1.00</td> <td>1.25</td>	4724	4731	Arrangement of Transportation Services	1.00	1.00	1.25
4911       4941       Electric and Gas Services and Water Supply       0.89       1.00       1.25         4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5094       5149       Wholesale Trade (cont.)       0.96       1.00       1.25         5153       5159       Farm Product Raw Materials       0.72       1.00       1.25         5162       5169       Chemicals and Allied Products       0.72       1.00       1.25	4741	4789	Miscellaneous Transportation Services	1.00	1.00	1.25
4952       4959       Sanitary Services       1.06       1.00       1.45         4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5094       5149       Wholesale Trade (cont.)       0.96       1.00       1.25         5153       5159       Farm Product Raw Materials       0.72       1.00       1.25         5162       5169       Chemicals and Allied Products       0.72       1.00       1.25         5181       5182       Alcoholic Beverages       0.81       1.00       1.25         5191	4812	4899	Communications	0.77	1.00	1.25
4961       4971       Miscellaneous Sanitary Services       1.07       1.00       1.45         WHOLESALE TRADE         5012       5015       Motor Vehicles, Parts & Supplies       0.72       1.00       1.25         5021       5049       Wholesale Trade       0.72       1.00       1.25         5051       5052       Metals and Minerals, except Petroleum       0.72       1.00       1.25         5063       5088       Wholesale Trade (cont.)       0.72       1.00       1.25         5091       5092       Miscellaneous Wholesale Trade- Durable Goods       0.72       1.00       1.25         5093       5093       Scrap/Waste Materials       0.94       1.00       1.25         5094       5149       Wholesale Trade (cont.)       0.96       1.00       1.25         5153       5159       Farm Product Raw Materials       0.72       1.00       1.25         5162       5169       Chemicals and Allied Products       0.72       1.00       1.25         5171       5172       Petroleum       0.72       1.00       1.25         5191       5199       Wholesale Trade (cont.)       0.72       1.00       1.25         5191	4911	4941	Electric and Gas Services and Water Supply	0.89	1.00	1.25
WHOLESALE TRADE           5012         5015         Motor Vehicles, Parts & Supplies         0.72         1.00         1.25           5021         5049         Wholesale Trade         0.72         1.00         1.25           5051         5052         Metals and Minerals, except Petroleum         0.72         1.00         1.25           5063         5088         Wholesale Trade (cont.)         0.72         1.00         1.25           5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.25           5191         5199         Wholesale Trade	4952	4959	Sanitary Services	1.06	1.00	1.45
5012         5015         Motor Vehicles, Parts & Supplies         0.72         1.00         1.25           5021         5049         Wholesale Trade         0.72         1.00         1.25           5051         5052         Metals and Minerals, except Petroleum         0.72         1.00         1.25           5063         5088         Wholesale Trade (cont.)         0.72         1.00         1.25           5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00 <td< td=""><td>4961</td><td>4971</td><td>Miscellaneous Sanitary Services</td><td>1.07</td><td>1.00</td><td>1.45</td></td<>	4961	4971	Miscellaneous Sanitary Services	1.07	1.00	1.45
5021         5049         Wholesale Trade         0.72         1.00         1.25           5051         5052         Metals and Minerals, except Petroleum         0.72         1.00         1.25           5063         5088         Wholesale Trade (cont.)         0.72         1.00         1.25           5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and	WHOLE	SALE	TRADE			
5051         5052         Metals and Minerals, except Petroleum         0.72         1.00         1.25           5063         5088         Wholesale Trade (cont.)         0.72         1.00         1.25           5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5012	5015	Motor Vehicles, Parts & Supplies	0.72	1.00	1.25
5063         5088         Wholesale Trade (cont.)         0.72         1.00         1.25           5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5021	5049	Wholesale Trade	0.72	1.00	1.25
5091         5092         Miscellaneous Wholesale Trade- Durable Goods         0.72         1.00         1.25           5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5051	5052	Metals and Minerals, except Petroleum	0.72	1.00	1.25
5093         5093         Scrap/Waste Materials         0.94         1.00         1.25           5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5063	5088	Wholesale Trade (cont.)	0.72	1.00	1.25
5094         5149         Wholesale Trade (cont.)         0.96         1.00         1.25           5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5091	5092	Miscellaneous Wholesale Trade- Durable Goods	0.72	1.00	1.25
5153         5159         Farm Product Raw Materials         0.72         1.00         1.25           5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5093	5093	Scrap/Waste Materials	0.94	1.00	1.25
5162         5169         Chemicals and Allied Products         0.72         1.00         1.25           5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5094	5149	Wholesale Trade (cont.)	0.96	1.00	1.25
5171         5172         Petroleum         0.72         1.00         1.25           5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5153	5159	Farm Product Raw Materials	0.72	1.00	1.25
5181         5182         Alcoholic Beverages         0.81         1.00         1.25           5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5162	5169	Chemicals and Allied Products	0.72	1.00	1.25
5191         5199         Wholesale Trade (cont.)         0.72         1.00         1.30           RETAIL TRADE           5211         5270         Building Materials, Hardware and Garden Supplies         0.70         1.00         1.30	5171	5172	Petroleum	0.72	1.00	1.25
RETAIL TRADE 5211 5270 Building Materials, Hardware and Garden Supplies 0.70 1.00 1.30	5181	5182	Alcoholic Beverages	0.81	1.00	1.25
5211 5270 Building Materials, Hardware and Garden Supplies 0.70 1.00 1.30	5191	5199	Wholesale Trade (cont.)	0.72	1.00	1.30
3 3 3	RETAIL	TRAD				
5271 5271 Mobile Home Dealers 0.75 1.00 1.30	5211	5270	Building Materials, Hardware and Garden Supplies	0.70	1.00	1.30
1.00 1.00	5271	5271	Mobile Home Dealers	0.75	1.00	1.30

# Table III (Cont.)

# **Industry Adjustment Table**

			(A) Non-	(B)	(C)
1987 SI			Matern.	14-1	0.4.1.1
Ran	ges	Descriptions	Male/		24 Hour
====	=	D. U.T. I	Female		Loads
5311	5399	Retail Trade	0.80	1.00	1.20
5411	5499	Food Stores	0.80	1.00	1.35
5511	5511	Motor Vehicle Dealers- New and Used	0.89	1.00	1.20
5521	5521	Motor Vehicle Dealers- Used Only	1.03	1.00	1.20
5531	5531	Auto and Home Supply Stores	0.84	1.00	1.20
5541	5541	Gas Stations	1.03	1.00	1.20
5551	5599	Miscellaneous Transportation Dealers	0.89	1.00	1.20
5611	5699	Apparel and Accessories	0.80	1.00	1.10
5712	5736	Furniture & Equipment Stores	0.70	1.00	1.15
5812	5813	Eating and Drinking Places	0.97	1.00	1.20
5912	5912	Retail Trade (cont.)	0.80	1.00	1.20
5921	5921	Liquor Stores	1.03	1.00	1.20
5932	5932	Used Merchandise Stores	1.03	1.00	1.20
5941		Retail Trade (cont.)	0.80	1.00	1.20
5961	5961	Catalogue and Mail Order	0.75	1.00	1.20
5962	5962	Automatic Merchandising	1.08	1.00	1.20
5963	5963	Direct Selling Establishments	0.89	1.00	1.20
5983	5989	Fuel Dealers	0.74	1.00	1.20
5992	5992	Florists	0.80	1.00	1.20
5993	5994	Tobacco and News Dealers	0.80	1.00	1.20
5995	5995	Retail Trade (cont.)	0.80	1.00	1.20
5999	5999	Miscellaneous Retail Stores	0.80	1.00	1.20
		ISURANCE AND REAL ESTATE			
6011	6163	Depository and Nondeposititory Institutions	0.90	1.00	1.10
6211	6289	Security Dealers	0.94	1.00	1.10
6311	6399	Insurance Carrier	0.88	1.00	1.10
6411	6411	Insurance Agents & Brokers	0.83	1.00	1.10
6512	6519	Real Estate Operators and Lessors	1.04	1.00	1.20
6531	6531	Real Estate Agents	1.06	1.00	1.20
6541	6541	Title Abstract Offices	1.09	1.00	1.20
6552	6553	Land Subdividers and Developers	1.09	1.00	1.20
6712	6799	Holding and Other Investment Offices	0.96	1.00	1.10
SERVIC					4.00
7011	7041	Lodging Places	1.18	1.00	1.20
7211	7219	Laundry Services	0.93	1.00	1.20
7221	7221	Personal Services	0.97	1.00	1.20
7231	7231	Beauty Shops	0.93	1.00	1.15
7241	7241	Barber Shops	0.88	1.00	1.20
7251	7251	Shoe Repair	0.88	1.00	1.20
7261	7299	Personal Services (cont.)	0.97	1.00	1.20
7311	7338	Business Services	0.91	1.00	1.20
7342	7349	Services to Dwellings	0.81	1.00	1.40

# Table III (Cont.)

# **Industry Adjustment Table**

1			(A) Non-	(B)	(C)
1987 SIC			Matern.		
Range	es	Descriptions	Male/		24 Hour
				Factors	Loads
	7359	Equipment Rental	0.85	1.00	1.40
	7363	Business Services (cont.)	0.96	1.00	1.20
	7379	Computer & Data Processing	0.67	1.00	1.20
	7381	Detective & Armored Cars	1.27	1.00	1.20
	7382	Security Systems	1.27	1.00	1.20
7383	7383	Business Services (cont.)	0.91	1.00	1.20
	7384	Photofinishing Labs	0.85	1.00	1.20
	7389	Miscellaneous Business Services	0.91	1.00	1.20
	7549	Auto Repair, Services, and Parking	0.97	1.00	1.25
7622	7699	Miscellaneous Repair Services	0.97	1.00	1.25
7812 7	7833	Motion Pictures	0.97	1.00	1.20
7841 7	7841	Video Rentals	1.03	1.00	1.20
7911 7	7999	Amusement & Recreation Services	1.18	1.00	1.20
8011 8	8049	Doctors' Offices	1.37	1.00	1.25
8051 8	8059	Nursing and Personal Care Facilities	1.49	1.00	1.25
8062 8	8069	Hospitals	1.49	1.00	1.25
8071 8	8099	Miscellaneous Health Care Services	1.49	1.00	1.25
8111 8	8111	Legal Services	1.01	1.00	1.10
8211 8	8299	Educational Services	0.97	1.00	1.10
8322 8	8322	Social Services	1.23	1.00	1.20
8331 8	8331	Job Training and Voc Rehab	1.06	1.00	1.20
8351 8	8399	Miscellaneous Social Services	1.17	1.00	1.20
	8412	Museums	0.92	1.00	1.20
8422 8	8422	Zoos	0.92	1.00	1.20
8611 8	8621	Membership Associations	0.97	1.00	1.20
8631 8	8651	Labor, Fraternal and Political Organizations	1.27	1.00	1.20
8661 8	8699	Membership Associations (cont.)	1.17	1.00	1.20
8711 8	8712	Engineering and Architects	0.69	1.00	1.20
8713 8	8713	Surveyors	0.82	1.00	1.20
8721 8	8721	Accounting	0.81	1.00	1.10
8731 8	8733	R&D	0.76	1.00	1.20
8734 8	8734	Testing Laboratories	0.76	1.00	1.20
8741 8	8743	Management Services	0.90	1.00	1.10
8744 8	8744	Facilities Support Management Services	0.91	1.00	1.10
8748 8	8748	Management Services (cont.)	0.90	1.00	1.10
8811 8	8811	Private Households	1.03	1.00	N/A
8999 8	8999	Miscellaneous Services	0.78	1.00	1.20
9111 9	9199	Executive, Legislative & General Gov't, except Finance	1.20	1.00	1.20
9211 9	9229	Courts, Police, Legal Counsel and Correctional Institution	1.00	1.00	1.20
9311 9	9721	Other Government Entities	1.20	1.00	1.20
9999 9	9999	Nonclassifiable	1.10	1.00	1.25

### Table IV

### **Collar Color Adjustment Table**

ne following factors are applied to assumed distributions of expected cla osts by collar color for each SIC code to derive a composite collar facto istributions have been established for situations where all employees are covered or only carve-outs of salaried or hourly employees are covered.

Collar Color	(A) Percent Breakdown	<b>(B)</b> Factor	(A) x (B) Product
White	%	0.810	
Professional	%	0.830	
Administrative	%	0.840	
Light Blue	%	0.870	
Blue	%	1.000	
Heavy Blue	%	1.100	
Heavy Professional	%	1.150	
Total			

### Table V

### Benefit Richness Adjustment

#### Adjustment 1:

If the Benefit Percent is 60% or greater AND the Weekly Maximum is \$500 or greater then (else 0.000): (NOTE: For flat benefit plans, an effective Benefit Percent is computed by comparing the flat benefit to the average weekly salary for the group.)

	Non-Contributory	Contributory
Benefit Percent	Factor	Factor
60 - 69%	0.000	0.025
70 - 79%	0.025	0.050
80 - 89%	0.050	0.075
90 - 99%	0.075	0.100
100%+	0.100	0.125

#### Adjustment 1:

#### Adjustment 2:

If the Weekly Maximum is greater than or equal to \$1,500, but less than \$2,000 then the adjustment is = 0.025, else if the Weekly Maximum is \$2,000 or greater then the adjustment is = 0.040, else 0.000.

#### Adjustment 2:

Benefit Richness Adjustment: (1 + Adjustment 1) x (1 + Adjustment 2)

### Table VI

### **Pre-Existing Conditions Adjustment**

- (A) Consecutive months while insured, during which no medical care has been received for a Pre-Existing Condition.
- (B) Consecutive months continuously insured under the plan.

(A)	(B)	Adjustment for Limitation	Adjustment for Exclusion
3	12	1.000	0.990
12	12	0.990	0.980
12	24	0.985	0.975

(NOTE: For "(A)" & "(B)" combinations not listed in the table, linearly interpolate between the two nearest enclosing values.)

### Table VII

### **Retention Adjustments**

	Non-Contributory	Contributory	1	Non-Contributory	Contributory
	1	Contributory		1	Contributory
Number of	Retention	Retention	Number of	Retention	Retention
Lives	Adjustment	Adjustment	Lives	Adjustment	Adjustment
1 - 30	1.203	1.203	1,051 - 1,350	0.980	1.007
31 - 35	1.203	1.203	1,351 - 1,650	0.972	0.999
36 - 40	1.203	1.203	1,651 - 1,950	0.965	0.992
41 - 50	1.203	1.203	1,951 - 2,550	0.934	0.959
51 - 60	1.203	1.203	2,551 - 3,550	0.922	0.946
61 - 80	1.203	1.203	3,551 - 4,550	0.914	0.938
81 - 100	1.203	1.203	4,551 - 6,000	0.914	0.938
101 - 150	1.203	1.203	6,001 - 9,000	0.912	0.935
151 - 200	1.174	1.203	9,001 - 13,000	0.909	0.933
201 - 250	1.146	1.184	13,001 - 18,000	0.907	0.930
251 - 350	1.119	1.155	18,001 - 25,000	0.905	0.928
351 - 450	1.079	1.112	25,001 - 35,000	0.903	0.926
451 - 650	1.042	1.073	35,001 - 45,000	0.901	0.924
651 - 850	1.007	1.036	45,001 - 60,000	0.900	0.923
851 - 1,050	0.990	1.018	60,001 +	0.900	0.923

### Table VIII

### Size of Group Adjustment

Number of Lives	Adjustment
0 - 19	0.97
20 - 29	0.99
30 - 39	1.01
40 - 49	1.03
50 - 59	1.05
60 - 69	1.07
70 - 79	1.09
80 - 89	1.11
90 - 99	1.13
100 - 149	1.15
150 - 199	1.15
200 - 499	1.15
500+	1.15

### Table IX

### **Unanticipated Risk Adjustment**

In developing the rate, there may be occasions where the resulting rate does not accurately reflect the anticipated risk. In these situations, an appropriate adjustment needs to be made to the rate.

A number of factors could dictate such an adjustment. These include:

- A. Significant change in exposure, such as the addition or deletion of subsidiaries;
- B. Substantial changes in the demographics of the group;
- C. Significantly favorable or unfavorable claim patterns;
- D. Evidence of favorable or unfavorable persistency with current or prior carriers;
- E. Significant change in the level of the employer's premium contribution;
- F. Incomplete transferred business information;
- G. Transferred business information that is inconsistent and/or incorrect;
- H. An inforce rate level that is significantly different than the formula rate;
- I. Significantly high or low employee turnover rate;
- J. An employer group that is deemed to be a significant solvency risk.

The magnitude of the adjustments to the formula rate will depend on the number of factors that apply in a given situation and the importance of those factors.

# **Enriched Plan Rate Calculation**

This worksheet is to be used for groups in states with statutory STD coverage that request coverage in excess of the statutory amount. This calculation for the cost of the additional coverage has no impact on the amount to be charged for the statutory coverage.

The premium calculation can be summarized as follows:

- 1) Rate the plan using the benefits for the total coverage. (Following the instructions on pages 3.00 thru 3.25.)
- 2) Rate the plan using the benefits for the Statutory coverage. (Following the instructions on pages 3.00 thru 3.25.)
- 3) Fill in the Input Items and the Rate Sheet below with the appropriate information.

### **Input Items**:

Statutory	State:	
Standalone Plan*	(Y/N):	

\* Only non-statutory coverage to be provided by ITT Hartford

	STD ENRICHED PLAN RATE CALCULATION WORKSHEET		
A.	Premium for the plan with total coverage: (The Total Adjusted Annual Premium from page 3.05)		
В.	Premium for the plan with Statutory coverage: (The Total Adjusted Annual Premium from page 3.05)		
C.	Utilization Factor: (if Statutory State = New Jersey, then 1.20, California, then 1.00; else 1.10)		
D.	Standalone Factor (if Standalone = N, then 1.05; else 1.00)		
E.	Total Adjusted Annual Premium ( A - B ) x (C) x (D)		

# Table X

# FICA Rate Match

		Emp	loyee Post	-Tax Contr	ibution Per	cent
		0%	15%	40%	65%	90%
•	0%	1.077	1.077	1.077	1.077	1.077
Percent	1%	1.077	1.076	1.075	1.074	1.073
erc	11%	1.077	1.074	1.071	1.068	1.066
	21%	1.077	1.072	1.067	1.063	1.058
Contribution	31%	1.077	1.070	1.064	1.057	1.050
ibı	41%	1.077	1.068	1.060	1.051	1.043
onti	51%	1.077	1.066	1.056	1.045	1.035
	61%	1.077	1.065	1.052	1.040	1.027
yee	71%	1.077	1.063	1.048	1.034	1.020
Employee	81%	1.077	1.061	1.044	1.028	1.012
Em	91%	1.077	1.059	1.041	1.022	1.004
Ĺ	100%	1.077	1.058	1.039	1.020	1.000

Table XI

# Area Adjustment Table

(4)						
	(A) Male and	(B)				
State Work	Female Non-	Female				
Location	Maternity	Maternity				
AK	0.75	1.00				
AL	1.00	1.00				
AR	1.06	1.00				
AZ	0.94	1.00				
CA	0.63	1.00				
CO	0.69	1.00				
CT	1.06	1.00				
DC	1.06	1.00				
DE	1.06	1.00				
FL	0.91	1.00				
GA	1.00	1.00				
HI	0.92	1.00				
ID	0.75	1.00				
IL	1.19	1.00				
IN	1.19	1.00				
IA	1.19	1.00				
KS	1.00	1.00				
KY	1.19	1.00				
LA	1.00	1.00				
MA	1.13	1.00				
MD	1.06	1.00				
ME	1.06	1.00				
MI	1.25	1.00				
MN	1.00	1.00				
MO	1.13	1.00				
MS	1.00	1.00				
MT	0.87	1.00				
NE	1.00	1.00				
NC	1.19	1.00				
ND	1.13	1.00				
NH	1.06 1.06	1.00 1.00				
NJ NM	0.75	1.00				
NV	1.13	1.00				
NY	0.75	1.00				
ОН	1.19	1.00				
OK	0.75	1.00				
OR	0.69	1.00				
PA	1.15	1.00				
PR	1.00	1.00				
RI	1.06	1.00				
SC	1.25	1.00				
SD	1.13	1.00				
TN	1.19	1.00				
TX	0.94	1.00				
UT	0.75	1.00				
VA	1.06	1.00				
VT	1.06	1.00				
WA	0.75	1.00				
WI	1.00	1.00				
WV	1.13	1.00				
WY	0.75	1.00				

### Table XII

# **Participation Adjustment**

Non-Contributory Plans				
Participation Percent Adjustment				
100%	1.000			

	Actual Participation	ory Plans Estimated Participation		
	(A)	(B)	(C) Composite Rate	
Participation Percent *		Step Rates		
20%	1.87	2.10	2.36	
25%	1.69	1.85	2.09	
30%	1.66	1.75	1.99	
35%	1.64	1.70	1.93	
40%	1.60	1.65	1.81	
45%	1.51	1.55	1.76	
50%	1.42	1.50	1.70	
55%	1.40	1.45	1.63	
60%	1.37	1.40	1.55	
65%	1.33	1.35	1.45	
70%	1.29	1.30	1.36	
75%	1.25	1.25	1.29	
80%	1.20	1.20	1.23	
85%	1.15	1.15	1.18	
90%	1.10	1.10	1.12	
95%	1.05	1.05	1.06	
100%	1.00	1.00	1.00	

<sup>\*</sup> For Participation Percents not listed in the table, linearly interpolate between the two nearest enclosing values. Note: If participation is known, use column (A). If participation is not known, use column (B) for step rates or column (C) for composite rates.

Non-Contributory Plan: A plan where the employer pays 100% of the plan.

Contributory Plan: A plan which requires employees to pay a portion or all of the cost of benefits.

SERFF Tracking #: HERT-129160421 State Tracking #: Company Tracking #: RGCSTD(08-2009)RATES

State: District of Columbia Filing Company: United Heritage Life Insurance Company

TOI/Sub-TOI: H11G Group Health - Disability Income/H11G.002 Short Term

**Product Name:** RCGSTD(08-2009)RATES

Project Name/Number: /

# **Supporting Document Schedules**

Satisfied - Item:	Cover Letter All Filings
Comments:	
Attachment(s):	Cover letter.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Certificate of Authority to File
Bypass Reason:	Not applicable to this filing.
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Actuarial Memorandum
Comments:	This is an initial rate filing. Actuarial memorandum attached below and on the rate Tab.
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Actuarial Justification
Comments:	
Attachment(s):	United Heritage - STD Actuarial Memorandum.pdf
Item Status:	
Status Date:	
Bypassed - Item:	District of Columbia and Countrywide Loss Ratio Analysis (P&C)
Bypass Reason:	No applicable to this filing
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	District of Columbia and Countrywide Experience for the Last 5 Years (P&C)

SERFF Tracking #:	HERT-129160421	State Tracking #:		Company Tracking #:	RGCSTD(08-2009)RATES	
State:	District of Columbia		Filing Company:	United Heritage Lit	e Insurance Company	
TOI/Sub-TOI:	H11G Group Health	n - Disability Income/H11G.002 Short	Term			
Product Name:	RCGSTD(08-2009)	RATES				
Project Name/Number:	/					
Bypass Reason:	This	s is our initial filing. No curren	it written premium, no polic	by holders, this is not a ra	ate change.	
Attachment(s):		J			-	
Item Status:						
Status Date:						
Bypassed - Item:	Actu	uarial Memorandum and Certi	fications			
Bypass Reason:	not	applicable to this filing				
Attachment(s):						
Item Status:						
Status Date:						
Bypassed - Item:	Unit	fied Rate Review Template				
Bypass Reason:	not	applicable to this filing				
Attachment(s):		· ·				
Itom Status:						

**Status Date:** 

August 21, 2013

United Heritage Life Insurance Company NAIC 63983

District of Columbia Rates and Forms Filing

Ladies and Gentlemen:

United Heritage is submitting this initial rate filing as required concurrently with Form Filing SERFF # HERT-129028697 for our Group Short Term Disability Certificate, RGCSTD(08-2009)DC.

There are currently no DC Policyholders. Once the initial Form Filing and Rate Filing are approved, the product will be marketed to small and large Employer-Employee groups by licensed agents appointed by United Heritage Life Insurance Company.

The Actuarial Memorandum and Rating Manual are attached to the Rate/Rule Schedule Tab.

Thank you for your time and consideration,

Deanne Schildan

Deanne Schildan

**Group Administrator/Forms Analyst** 

# **United Heritage Life Insurance Company**

### Actuarial Memorandum Short Term Disability Policy Form: RGP(08-2009)

#### Scope and Purpose of Filing

The following information is being provided for a new filing. Acting in the capacity of reinsurer, the Hartford Life and Accident Insurance Company has assisted United Heritage Life Insurance Company in the development of a group fully insured short term disability insurance product. This Actuarial Memorandum represents the certification of the premium rates for the proposed plan.

#### **Benefit Overview**

Weekly benefits are paid based on a flat rate or as a percentage (e.g.60%) of weekly salary. Plans may contain maximum and minimum benefit amounts. Benefit payments require satisfaction of an elimination period for both accident and sickness and benefit periods range from 8 to 104 weeks. Both the elimination period and benefit duration are selected by the employer. Benefit options include first day of hospitalization, residual benefits, 24 hour coverage, and different limitations for pre-existing conditions.

The following plan design is considered standard:

- Maximum Benefit Duration 26 weeks
- Elimination Period 7 days for both accident and sickness

Example of available options:

- Benefit Duration 8, 13, 20, 39, 52, 78, 104 weeks
- Elimination Period 1, 13, 14, 30, 60 days
- First Day Hospitalization
- Residual Benefits

Maternity is covered the same as any other illness.

For a more complete description of benefits provided under this policy form, please refer to the contract.

#### **Marketing Method**

This product will be sold to employer groups through a regional group sales force.

#### **Net Premiums**

The STD rates have been created based on the expected incidence and duration of disability and the expected level of all applicable offsets. The rates were derived using various data sources, including the following: Hartford Life and Accident's experience, economic data, national statistics and competitor information. The incidence rates and duration levels take into account differences in age, sex, benefit percentage, and maximum weekly benefit.

Loads and discount factors are applied to the net premium to adjust for all aspects of the chosen plan design that cause our net liability to change. These factors vary by the day that benefits commence, benefit duration, residual benefit option, industry, collar color, occupational/non-occupational coverage, area, contributory status, benefit richness, pre-existing condition limitations, employer occupational coverage, retention, size of group, additional state requirements, trend, rate guarantee periods, par case status, and collateral line discounts.

#### **Gross Premiums**

Gross Premiums are calculated by dividing the net premiums by the permissible loss ratio. The anticipated loss ratio of 65% for groups with over 50 lives is developed as follows:

Commissions	12.50%
Premium Tax	2.5%
Profit	5.0%
Other Retention	15.00%
Total Retention	35.00%

Permissible Loss Ratio 65.0%

In addition, the anticipated permissible loss ratio for groups with under 50 lives is 60%.

Premium rates for plans and benefits not specifically shown in this memo or accompanying rate manual shall be determined by methods which are consistent with the premium rates shown in the rate manual.

#### **Experience**

Some groups will have insured experience that is at least partially credible. The rates for these groups may be adjusted when appropriate to reflect actual experience and in-force rates.

#### **Actuarial Certification**

I certify that, to the best of my knowledge and judgment, the entire rate filing is in compliance with the applicable laws of this State and with the rules of the Department of Insurance, and complies with Actuarial Standards of Practice No. 8, "Regulatory Filings for Rates and Financial Projections for Health Plans," as adopted by the Actuarial Standards Board, December 2005, and that the benefits provided are reasonable in relation to the proposed premiums. I believe that the benefits are reasonable in relation to the proposed premium and that the rates are not excessive, inadequate, or unfairly discriminatory.

Michelle Z Kungma	06/20/2011	
Michelle Kunzman, FSA, MAAA	Date	
AVP and Actuary		
Hartford Life and Accident Insurance Company		